



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	<b>DOCKET NO.</b> 12992/90501	<b>SERIAL NO.</b> 10/824,288
	<b>APPLICANT</b> SHTEIN et al.	
	<b>FILING DATE</b> April 13, 2004	<b>GROUP</b> 2811

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
mm	5,703,436	December 30, 1997	Forrest et al.			
	5,707,745	January 13, 1998	Forrest et al.			
	5,844,363	December 1, 1998	Gu et al.			
	6,097,147	August 1, 2000	Baldo et al.			
	6,297,495	October 2, 2001	Bulovic et al.			
	6,303,238	October 16, 2001	Thompson et al.			
	6,337,102	January 8, 2002	Forrest et al.			
	6,352,777	March 5, 2002	Bulovic et al.			
	6,420,031	July 16, 2002	Parthasarathy et al.			
	6,451,415	September 17, 2002	Forrest et al.			
	6,469,437	October 22, 2002	Parthasarathy et al.			
	6,580,027	June 17, 2003	Forrest et al.			
	6,657,378	December 2, 2003	Forrest et al.			
	6,670,213	December 30, 2003	Halls et al.			
	2004-0048000	March 11, 2004	Shtein et al.			

## FOREIGN PATENT DOCUMENTS

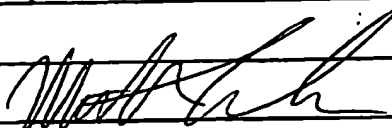
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
mm	Forrest, "Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques," Chem. Rev. 97, pp. 1793-1896 (1997).	
	Baldo et al., "Organic Vapor Phase Deposition," Adv. Mater. 10, 1505 (1998).	
	Peumans et al., "Efficient Photon Harvesting at High Optical Intensities in Ultrathin Organic Double-Heterostructure Photovoltaic Diodes," Applied Physics Letters, Vol 76, No. 19, pp. 2650-52 (2000).	
	Peumans et al., "Small molecular weight organic thin-film photodetectors and solar cells," J. Appl. Phys., Vol. 93, No. 7, pp. 3693-3723 (April 1, 2003).	

*Matthew Shk* 4/7/06

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
WMS		Peumans et al., "Efficient bulk heterojunction photovoltaic cells using small-molecular-weight organic thin films," Nature, Vol. 425, pp. 158-162 (September 11, 2003).
f		G. Yu, et al., "Polymer Photovoltaic Cells: Enhanced Efficiencies via a Network of Internal Donor-Acceptor Heterojunctions", Science, Volume 270, pp. 1789-1791, December 15, 1995.
f		F. Padinger et al., "Effects of Postproduction Treatment on Plastic Solar Cells", Adv. Funct. Mater. 2003, 13, No. 1. January, pp.85-88.

EXAMINER 	DATE CONSIDERED 4/7/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	DOCKET NO. 12992/90501	SERIAL NO. 10/824,288
	APPLICANT SHTEIN et al.	
	FILING DATE April 13, 2004	GROUP 2811

## U. S. PATENT DOCUMENTS

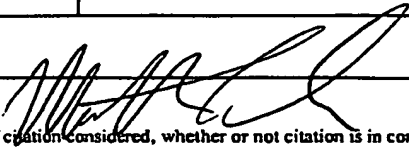
EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE

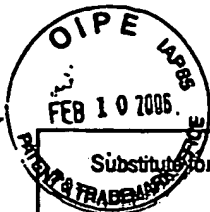
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No

## NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
ms		< <a href="http://www.oksolar.com/solar_panels/unisolar_flexibles.htm">http://www.oksolar.com/solar_panels/unisolar_flexibles.htm</a> >, "Uni-solar Flexible (USF) Unbreakable Solar Panels - Triple Junction", printed September 14, 2004.
		"UNI-POWER Solar Electric Modules Specification Sheet, Models US-64, US-42, US-32", printed from the OKSolar.com website on September 14, 2004 < <a href="http://www.oksolar.com/pdf/solar_energy_catalog/unisolar_us-64.pdf">http://www.oksolar.com/pdf/solar_energy_catalog/unisolar_us-64.pdf</a> >.
		"Amorphous Silicon (a-Si) Solar Technology", printed from United Solar Ovonic Corp. website on September 14, 2004, < <a href="http://www.uni-solar.com/Our_Technology_a_Si.html">http://www.uni-solar.com/Our_Technology_a_Si.html</a> >.
		S. Guha, et al., "Amorphous Silicon Alloy Photovoltaic Research Present and Future", Progress in Photovoltaics: Research and Applications, Prog. Photovolt. Res. Appl. 8, pp. 141-150 (2000).

EXAMINER 	DATE CONSIDERED 4/7/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



PTO/SB/08A&amp;B (modified)

<b>Substitute for form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/824,288	
			Filing Date	April 13, 2004	
			First Named Inventor	Max SHTEIN	
			Art Unit	2818	
Examiner Name	David VU				
Sheet	1	of	1	Attorney Docket Number	12992/90501

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
IMS		US- 6,281,430	08-28-2001	Lupo et al.	
IMS		US- 2003-042846	03-06-2003	Forrest et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> , Number <sup>2</sup> , Kind Code <sup>3</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
IMS		International Search Report dated January 31, 2006, Application No. PCT/US2005/012928.	
IMS		Kwong et al., "CUPC/C60 solar cells-influence of the indium tin oxide substrate and device architecture on the solar cell performance", Japanese J. Appl. Phys., vol. 43, no. 4A, pp. 1305-1311, April 2004.	

Examiner		Date considered	4/7/06
----------	--	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the publish which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.